

10/065,712
Amdt. Dated Oct. 21, 2004
Reply to Office Action of Jul. 23, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1 (Currently Amended). A wood-type golf club head comprising:

a body having a crown, a sole, a ribbon, and a front wall with an opening, the crown having a thickness of 0.030 inch to 0.050 inch, the sole having a thickness of 0.030 inch to 0.050 inch, the body composed of a cast titanium alloy material; and

a striking plate insert positioned within the opening and welded to the body, the striking plate insert having a uniform thickness in the range of 0.080 inch to 0.120 inch, the striking plate insert composed of a heat treated at above 1550°F formed titanium alloy material consisting essentially of ~~comprising~~ titanium, aluminum, tin, chromium, molybdenum, zirconium and silicon, and having a microstructure of at least 40% alpha phase;

wherein the golf club head has a volume ranging from 350 cubic centimeters to 420 cubic centimeters and a mass ranging from 185 grams to 215 grams, a depth from 3.0 inches to 4.5 inches, a height from 2.0 inches to 3.5 inches and a width of 4.0 inches to 5.0 inches, and the golf club head has a coefficient of restitution ranging from 0.82 to 0.87 ~~0.80 to 0.83~~;

whereby the striking plate insert has an inward face progression less than 0.01 inch after at least 500 hits of a golf ball at a swing speed of 110 miles per hour.

2-8 (Canceled).

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10 (New). A wood-type golf club head comprising:

a body having a crown, a sole, a ribbon, and a front wall with an opening, the crown having a thickness of 0.030 inch to 0.050 inch, the sole having a thickness of 0.030 inch to 0.050 inch, the body composed of a cast titanium alloy material; and
a striking plate insert positioned within the opening and welded to the body, the striking plate insert having a uniform thickness of approximately 0.108 inch, the striking plate insert composed of a heat treated at above 1550°F formed titanium alloy material consisting essentially of 6 weight percent aluminum, 2 weight percent tin, 2 weight percent chromium, 2 weight percent molybdenum, 2 weight percent zirconium, 0.23 weight percent silicon and the remainder titanium, and having a microstructure of at least 40% alpha phase;

wherein the golf club head has a volume ranging from 200 cubic centimeters to 600 cubic centimeters and a mass ranging from 185 grams to 215 grams, a depth from 3.0 inches to 4.5 inches, a height from 2.0 inches to 3.5 inches and a width of 4.0 inches to 5.0 inches, and the golf club head has a coefficient of restitution ranging from 0.82 to 0.87;

whereby the striking plate insert has an inward face progression less than 0.01 inch after at least 500 hits of a golf ball at a swing speed of 110 miles per hour.